

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S178	190	needle with (flat zero) near2 (tip exit outlet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/26 20:34
S179	305	exposed adj height	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/26 20:31
S180	37	needle with S179	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/26 20:31
S181	0	S178 and S180	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/26 20:31
S182	14	("3469579"   "3906932"   "4543092"   "4617019"   "4808170"   "4958901"   "5064411"   "5100390").PN. OR ("5207658").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/26 20:44
S183	6	("3636955"   "4660559"   "5123910"   "5178607"   "5342397"   "5464422").PN. OR ("5665078").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/26 20:49
S184	2	("5123910").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/26 20:49
S185	81457	"604"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/26 20:50
S186	1905	(no zero flat ) near3 bevel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/26 20:50
S187	71	S185 and S186	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/26 20:59
S188	38725	capillary adj tub\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/26 20:59

## EAST Search History

S189	720	S188 and S185	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/26 21:00
S190	3164	inject\$3 same S188	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/26 21:00
S191	83	S190 and S185	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/26 21:09
S192	935	microneedle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/26 21:11
S193	16	S192 with bevel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/26 21:09
S194	22	S192 same bevel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/26 21:10
S195	6	S194 not S193	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/26 21:10
S196	34	S192 with outlet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/26 21:11
S197	64	("2893392"   "3034507"   "3086530"   "3123212"   "3136314"   "3221739"   "3221740"   "3556080"   "3596660"   "3675766"   "3918449"   "3964482"   "4109655"   "4159659"   "4222392"   "4320758"   "4664651"   "4671288"   "4703761"   "4771660"   "4798582"   "4921475"   "4969468"   "5035711"   "5279552"   "5335670"   "5364374"   "5383512"   "5401242"   "5457041"   "5527288"   "5582184"   "5591139"   "5611806"   "5611809"   "5611942"   "5618295"   "5658515"   "5697901"   "5801057"   "5807375"   "5843114"   "5848991"   "5865786"   "5879326"   "6080116"   "6132755"   "RE25637").PN. OR ("6611707").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/26 21:49